

# Special Issue

## Multi-Material Additive Manufacturing

### Message from the Guest Editor

This Special Issue intends to contribute to the scientific community, presenting the most relevant advances in developing, processing, characterizing, and simulating the materials and processes for multi-material additive manufacturing. Proposed topics, including, but not limited to, the following are encouraged:

- Polymer composites and blends for multi-material additive manufacturing;
- Continuous fiber reinforcement in additive manufacturing;
- Direct and indirect additive manufacturing methods for multi-material fabrication;
- Metal-polymer, metal-ceramic, ceramic-polymer additive manufacturing processes;
- Simulation and experimental validation of multi-material additive manufacturing processes;
- Simulation and experimental validation of the performance of multi-material specimens;
- Applications of multi-material structures for 4D printing, soft robotics, electronics, manufacturing and medicine;
- Hybrid manufacturing methods for multi-material fabrication;
- Post-processing methods to improve the performance of multi-material specimens.

### Guest Editor

Dr. Joamin Gonzalez-Gutierrez

Department of Materials Research and Technology, Luxembourg  
Institute of Science and Technology, L-4940 Hautcharage,  
Luxembourg

### Deadline for manuscript submissions

closed (25 December 2022)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/75273](https://mdpi.com/si/75273)

*Applied Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[appls@mdpi.com](mailto:appls@mdpi.com)

[mdpi.com/journal/  
appls](https://mdpi.com/journal/appls)





# Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/journal/  
applsci](https://mdpi.com/journal/applsci)



## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

---

### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering )